MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

JUNE, 1938

J. A. BROWN, DIRECTOR

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JUNE 1938

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	60.7	60.8	60.4	60.6	27.8	19.2	24.1	26.3	21.1	23.8
2	59.8	59.6	59.2	59.5	28.3	20.6	24.5	27.7	21.4	24.5
3	9.0	7.5	7.7	8.1	28.9	19.2	24.3	27.5	21.7	24.5
4	7.0	6.1	6.2	6.4	29.8	20.3	25.3	28.1	22.3	25.2
5	6.2	5.8	5.8	5.9	29.8	19.6	25.0	27.3	22.6	25.0
6	56.3	56.5	56.8	56.5	28.3	20.0	25.0	27.8	22.2	25.0
7	6.7	6.5	8.1	7.1	28.3	19.6	25.0	27.6	22.8	25.1
8	8.0	7.5	8.3	7.9	28.9	20.0	24.3	27.7	22.4	24.8
9	8.2	7.5	7.9	7.9	29.6	19.5	25.0	28.3	23.3	25.5
10	8.0	7.6	7.3	7.6	29.2	20.1	25.0	27.9	22.0	25.0
11	57.7	57.2	57.2	57.4	29.2	19.8	23.9	28.3	22.8	25.0
12	7.0	7.0	6.8	6.9	29.7	20.6	26.5	29.4	23.6	26.5
13	6.3	6.2	6.6	6.4	29.4	20.5	25.9	28.6	23.3	25.9
14	7.3	7.1	7.6	7.3	30.9	20.9	26.1	29.7	23.2	26.3
15	8.2	7.9	7.7	7.9	31.0	21.8	27.0	29.5	23.9	26.8
16	56.8	53.6	53.7	54.7	30.0	22.7	26.4	28.8	24.1	26.4
17	3.3	3.2	3.3	3.3	29.4	20.3	26.1	27.9	22.3	25.4
18	3.2	3.2	3.5	3.3	29.8	21.2	25.9	29.2	22.8	26.0
19	4.6	4.6	4.9	4.7	30.1	20.8	26.4	28.8	23.0	26.1
20	5.2	4.9	5.0	5.0	30.7	21.5	26.0	27.6	21.8	25.1
21	54.8	54.6	55.1	54.8	31.5	21.1	28.0	29.6	24.2	27.3
22	4.6	4.2	4.6	4.5	30.9	21.2	26.7	30.4	25.7	27.6
23	3.6	3.1	3.1	3.3	30.6	21.7	25.8	28.5	23.9	26.1
24	5.9	5.4	5.8	5.7	30.2	22.0	27.2	29.6	24.7	27.2
25	6.5	5.5	6.3	6.1	30.7	22.7	27.8	30.3	24.8	27.6
26	56.1	54.9	55.8	55.6	31.2	22.0	27.1	29.8	24.9	27.3
27	5.0	4.7	5.0	4.9	31.1	23.3	27.2	29.6	25.3	27.4
28	4.3	3.9	3.9	4.0	30.9	23.7	26.7	29.5	26.0	27.4
29	3.5	3.6	4.2	3.5	30 9	23.7	26.7	30.3	25.0	27.3
30	4.8	5.4	5 5	5.2	30.5	22.5	28.0	30.4	24.1	27.5
	756.29	755.85	756.11	756.07	29.92	21.07	25.96	28.70	23.37	26.02

Barometer, range for month 753.1 mm. –760.8 mm.
„ 50-yr. average for month 758.151 mm.
Thermometer, range for month 19.2° C.—31.5° C.
„ 50-yr. average for month 25.38° C.
Rain, total for month 0.0 mm.
„ , 50-yr. average for month 3.81 mm.
„ , total, Sept. 1st to end of month 1194.77 mm.
„ 50-yr. average, Sept. 1st to end of month 906.54 mm.

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METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain mm.
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		Kms.	
1	14.6	15.5	16.3	15.5	67	60	87	71	13.2	206.6	
2	17.5	17.5	16.0	17.0	77	63	84	75	13.4	292.3	
3	15.9	16.7	16.5	16.4	71	61	86	73	13.3	194.6	
4	16.9	13.3	16.9	15.9	71	49	85	68	13.4	295.6	
5	15.2	15.5	18.1	16.3	65	57	88	70	13.3	218.6	
6	16.5	16.1	17.0	16.5	70	58	86	71	13.0	198.4	
7	16.5	17.3	17.6	17.1	70	63	85	73	13.0	291.4	
8	17.2	17.1	18.9	17.7	76	61	93	77	13.3	196.4	
9	17.2	17.5	18.0	17.6	73	60	85	73	12.6	305.3	
10	17.0	18.7	16.5	17.4	72	67	85	75	13.3	227.1	
11	15.7	18.1	15.1	16.3	71	63	73	69	9.8	283.1	
12	14.7	15.4	16.1	15.4	57	51	74	61	12.5	375.4	
13	16.8	17.6	18.1	17.5	70	60	85	72	13.0	429.3	
14	17.5	18.2	18.7	18.1	69	58	88	72	12.9	234.6	
15	18.2	18.8	19.3	18.8	68	61	88	72	13.5	295.3	
16	18.1	19.2	17.9	18.4	71	64	80	72	13.0	586.3	
17	13.2	16.0	14.2	14.5	52	57	70	60	10.7	458.4	
18	14.2	14.7	14.7	14.5	57	49	71	59	10.8	350.7	
19	15.3	16.6	16.7	16.2	59	56	80	65	11.8	259.2	
20	17.3	20.0	16.7	18.0	67	73	86	72	13.1	209.4	
21	17.3	17.9	17.8	17.7	62	58	80	67	13.1	179.0	
22	18.3	18.8	16.2	17.8	70	58	66	65	13.0	301.8	
23	17.3	20.6	18.2	18.7	70	71	82	74	13.2	361.3	
24	18.5	20.3	18.7	19.2	69	65	81	72	13.1	286.6	
25	18.2	19.1	20.0	19.1	66	59	85	70	12.8	278.6	
26	18.3	19.6	19.7	19.2	69	62	83	71	12.8	316.4	
27	19.1	20.6	17.8	19.2	72	66	83	74	13.0	562.8	
28	17.6	18.2	17.8	17.9	67	60	71	66	12.6	614.5	
29	17.7	17.7	18.7	18.0	67	55	79	67	12.3	559.5	
30	18.7	18.7	19.2	18.9	66	58	86	70	11.0	391.1	
	16.88	17.73	17.45	17.36	67.7	60.1	81.8	69.9	12.66	225.31	

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of readings minus 2 hours equals G. C. T.

50-year averages are for period, 1875-1924

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	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	5cicu	3cu	0	2.7	2s	2nw	0	calm	
2	4stcu	2cu	0	2.0	2n	2nw	2sw	slight	dew and mist a.m.
3	0	0	0	0.0	2nw	2n	2sw	„	„ „ „ „
4	0	0	0	0.0	2n	2n	3n	calm	„ „ „ „
5	0	0	4cu	1.3	2sw	2sw	1s	„	
6	3cu	3cu	0	2.0	3s	2s	1s	slight	mist a.m.
7	0	0	0	0.0	3s	3sw	1s	calm	
8	0	0	0	0.0	3s	3s	2sw	slight	dew and mist a m.
9	0	0	0	0.0	2sw	3s	3s	calm	mist a.m.
10	0	0	0	0.0	3s	3s	2sw	slight	„ „
11	5cu	8cu	9cu	7.3	2s	3s	2s	„	
12	6cu	5cu	5cu	5.3	2sw	3sw	3s	mod.	mist a.m.
13	3cu	3cu	3cu	3.0	3s	3sw	3s	„	„ „
14	2cu	0	0	0.7	3s	2nw	2sw	slight	„ „
15	0	0	0	0.0	3s	2nw	1sw	calm	
16	0	0	3cu	1.0	4s	5s	4s	mod.	
17	6stcu	3cu	3cu	4.0	3sw	4s	3s	„	
18	4cu	5cu	0	3.0	3s	3s	3s	rough	
19	0	4cu	0	1.3	3s	3s	1se	mod	„ „
20	5cu	2cu	4cu	3.7	4sw	2w	2se	slight	„ „
21	0	0	0	0.0	2sw	2n	4nw	„	
22	2cu	0	0	0.7	3s	2nw	0	mod.	
23	0	0	0	0.0	4s	3s	3se	„	
24	0	0	0	0.0	4s	3s	3s	slight	
25	0	0	4cu	1.3	3s	0	3s	„	
26	0	0	3cu	1.0	2s	3sw	3s	„	
27	2cu	3cu	0	1.7	4s	4s	3s	„	
28	3cu	0	0	1.0	5sw	5sw	4sw	mod.	
29	0	0	3cu	1.0	4s	4s	5s	„	
30	4cu	0	3stcu	2.3	4s	4sw	3s	„	
31					89	84	72		
				1.54	3.0	2.8	2.4		

10 9 7

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	2	0	0	0	20	7	0	1	0	30
14:30	3	0	0	0	12	8	1	5	1	30
20:30	1	0	0	3	16	7	0	1	2	30
Totals	6	0	0	3	48	22	1	7	3	90

Number of days with rain 0, fog 0, thunderstorms 0, gales 0.

50 yr. average number of days with rain during month 0.8